43098-A1-TM-100

Lake Andes
SOUTH DAKOTA

1:100 000-scale *metric* topographic map

30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names

GEOLOGICAL SURVEY

1986

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1964–1980. Planimetry revised from aerial photographs taken 1984 and other source data
Revised information not field checked
Map edited 1986

Projection and 10 000-meter grid, zone 14
Universal Transverse Mercator
25 000-foot grid ticks based on South Dakota coordinate system, south zone. 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 6 meters north and 31 meters east

There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 10 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6851
7	22.9659
8	26.2467
9	29.5276
10	32.8084

To convert meters to feet multiply by 3.2809
To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM

UTM grid convergence (GN) and 1986 magnetic declination (MN) at center of map. Diagram is approximate

ADJOINING MAPS

1 2 3
4 5
6 7 8

1 Chamberlain
2 Mitchell
3 Salem
4 Winner
5 Wessington
6 Ainsworth
7 Atkinson
8 Yankton

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, trail
- Route marker: Interstate, U.S., State
- Railroad: standard gage, narrow gage
- Bridge, overpass, underpass
- Tunnel: road, railroad
- Built-up area, locality, elevation
- Airport, landing field, landing strip
- National boundary
- State boundary
- County boundary
- National or State reservation boundary
- Land grant boundary
- U.S. public lands survey: range, township, section
- Range, township, section line, protracted
- Power transmission line, pipeline
- Dam, dam with lock
- Cemetery, building
- Windmill, water well, spring
- Mine shaft, adit or cave, mine, quarry, gravel pit
- Campground, picnic area, U.S. location monument
- Ruins, cliff dwelling
- Distorted surface: strip mine, lava, sand
- Contours: index, intermediate, supplementary
- Bathymetric contours: index, intermediate
- Stream, lake: perennial, intermittent
- Rapids: large and small; falls: large and small
- Area to be submerged, marsh, swamp
- Land subject to controlled inundation, woodland
- Sands, mangrove
- Orchard, vineyard

A pamphlet describing topographic maps is available on request

LAKE ANDES, SOUTH DAKOTA
43098-A1-TM-100
1986

LAKE ANDES, SOUTH DAKOTA

30 X 60 MINUTE SERIES (TOPOGRAPHIC)

SCALE 1:100 000
1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
CONTOUR INTERVAL 10 METERS

● ATERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1986